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(\$930.00) to cover the corresponding extension fee pursuant to 37 C.F.R. \§1.17(a)(3) and 1.136(a).

IN THE CLAIMS:

Cancel claims 3-11 and 19.

Substitute claims 1, 2, 18, 26 and 27 with amended claims 1, 2, 18, 26 and 27:

1. In a method of treatment for improving the inhibition of gastric acid secretion which consists of administering to a host in need thereof an oral pharmaceutical formulation comprising a therapeutically effective amount of an acid labile H⁺, K⁺-ATPase inhibitor, the improvement characterized by:

extending the blood plasma profile level of the H⁺, K⁺-ATPase inhibitor by two or more consecutive oral administrations of a unit dose of the H⁺, K⁺-ATPase inhibitor with 0.5 4 hour intervals.

wherein the H⁺, K⁺-ATPase inhibitor is a compound of the formula I

wherein



Het₁ is

$$R_1$$
 R_2 R_3

Het2 is

¥ =

OI

wherein

N in the benzimidazole moiety means that one of the ring carbon atoms substituted by R_6 - R_9 optionally may be exchanged for a nitrogen atom without any substituents;

R₁, R₂ and R₃ are the same or different and selected from the group consisting of hydrogen, alkyl, alkoxy, fluorine-substituted alkoxy, alkylthio, alkoxyalkoxy, dialkylamino, piperidino, morpholino, halogen, phenyl and phenylalkoxy;

R₆-R₉ are the same or different and selected from the group consisting of hydrogen, alkyl, alkoxy, halogen, halo-alkoxy, alkylcarbonyl, alkoxycarbonyl, oxazolyl, trifluoroalkyl, or adjacent groups R₆-R₉ form ring structures which may be further substituted;

R₁₀ is hydrogen or forms an alkylene chain together with R₃; and

11 ent

 R_{11} and R_{12} are the same or different and selected from the group consisting of hydrogen, halogen or alkyl.

- 2. (Amended) The method according to any one of claims 1, 18, 26 or 27, wherein the H⁺, K⁺-ATPase inhibitor is a compound selected from the group consisting of omeprazole, an alkaline salt of omeprazole, the (-)-enantiomer of omeprazole and an alkaline alt of the (-)-enantiomer of omeprazole.
- 18. (Four times amended) In a method of treatment for improving the inhibition of gastric acid secretion which consists of administering to a host in need thereof an oral pharmaceutical formulation comprising a therapeutically effective amount of an acid labile H⁺, K⁺-ATPase inhibitor, the improvement characterized by:

12

extending the blood plasma profile level of the H⁺, K⁺-ATPase inhibitor by two or more consecutive oral administrations of a unit dose of [, and] the H⁺, K⁺-ATPase inhibitor with 0.5 4 hour intervals,

wherein the H⁺, K⁺-ATPase inhibit r is a compound of the formula I

wherein

Het1 is

$$R_1$$
 R_2 R_3

Het2 is

12 cm

X =

or

wherein

N in the benzimidazole moiety means that one of the ring carbon atoms substituted by R_6 - R_9 optionally may be exchanged for a nitrogen atom without any substituents;

R₁, R₂ and R₃ are the same or different and selected from the group consisting of hydrogen, alkyl, alkoxy, fluorine-substituted alkoxy, alkylthio, alkoxyalkoxy, dialky amino, piperidino, morpholino, halogen, phenyl and phenylalkoxy;

12 A

R₆-R₉ are the same or different and selected from the group consisting of hydrogen, alkyl, alkoxy, halogen, halo-alkoxy, alkylcarbonyl, alkoxycarbonyl, oxazolyl, trifluoroalkyl, or adjacent groups R₆-R₉ form ring structures which may be further substituted;

R₁₀ is hydrogen or forms an alkylene chain together with R₃; and

 R_{11} and R_{12} are the same or different and selected from the group consisting of hydrogen, halogen or alkyl with the proviso that the H^+ , K^+ -ATPase inhibitor is not pantoprazole.

26. (Thrice amended) In a method for improving the treatment of gastrointestinal disorders associated with excess acid secretion which consists of administering to a host in need thereof an oral pharmaceutical formulation comprising a therapeutically effective amount of an acid labile H⁺, K⁺-ATPase inhibitor, the improvement characterized by:

13

extending the blood plasma level profile of the H⁺, K⁺-ATPase inhibitor by two or more consecutive oral administrations of a unit dose of the H⁺, K⁺-ATPase inhibitor with 0.5- 4 hour intervals,

wherein the H⁺, K⁺-ATPase inhibitor is a compound of the formula I

$$\begin{array}{c} \mathsf{O} \\ \parallel \\ \mathsf{Het_1-X-S-Het_2} \end{array} \qquad \qquad \mathsf{I}$$

wherein

Het₁ is

$$R_1$$
 R_2 R_3

13 cont

Ilet₂ is

X=

01

wherein

N in the benzimidazole moiety means that one of the ring carbon atoms substituted by R_6 - R_9 optionally may be exchanged for a nitrogen atom without any substituents;

R₁, R₂ and R₃ are the same or different and selected from the group consisting of hydrogen, alkyl, alkoxy, fluorine-substituted alkoxy, alkylthio, alkoxyalkoxy, dialkylamino, piperidino, morpholino, halogen, phenyl and phenylalkoxy;

R₆-R₉ are the same or different and selected from the group consisting of hydrogen, alkyl, alkoxy, halogen, halo-alkoxy, alkylcarbonyl, alkoxycarbonyl, oxazolyl, trifluoroalkyl, or adjacent groups R₆-R₉ form ring structures which may be further substituted:

R₁₀ is hydrogen or forms an alkylene chain together with R_{3:} and

 R_{11} and R_{12} are the same or different and selected from the group consisting of hydrogen, halogen or alkyl.

13 cont

27. (Thrice amended) In a method for improving the treatment of gastrointestinal disorders associated with excess acid secretion which consists of administering to host in need thereof an oral pharmaceutical formulation comprising a therapeutically effective amount of an acid labile H^+ , K^+ -ATPase inhibitor, the improvement characterized by:

extending the blood plasma profile of the H⁺, K⁺-ATPase inhibitor by two or more consecutive oral administrations of a unit dose of the H⁺, K⁺-ATPase inhibitor with 0.5-4 hour intervals, wherein the H⁺, K⁺-ATPase inhibitor is a compound of the formula I

wherein

Het₁ is

$$R_1$$
 R_2 R_3

Het₂ is

J3 cont

X =

or

wherein

N in the benzimidazole moiety means that one of the ring carbon atoms substituted by R_6 - R_9 optionally may be exchanged for a nitrogen atom without any substituents;

R₁, R₂ and R₃ are the same or different and selected from the group consisting of hydrogen, alkyl, alkoxy, fluorine-substituted alkoxy, alkylthio, alkoxyalkoxy, dialkylamino, piperidino, morpholino, halogen, phenyl and phenylalkoxy;

R₆-R₉ are the same or different and selected from the group consisting of hydrogen, alkyl, alkoxy, halogen, halo-alkoxy, alkylcarbonyl, alkoxycarbonyl, oxazolyl, trifluoroalkyl, or adjacent groups R₆-R₉ f rm ring structures which may be further substituted;